Team Members

- Sina Pourdehmobed - Team Lead.
- John Paul Apolinar - Backend Lead.
- Jonathan Chen - Frontend Lead.
- Haozhan Li - Scrum Master.
- Henry Lam - GitHub Master.
- Umar Rama - Backend Lead.

What is Pawster?

The goal of Pawster is to deliver an exceptional social experience for pets and their owners. This application enables pet owners to take part in different activities and see the pets that they can hang out with, or introduce their own pet animal to others, conveniently close to their home. Pet owners can also post the pictures of their pets in case they need to schedule a playdate for it, or if they need someone to walk them. Users can participate in so many activities with their pets such as exploring parks, beaches or lakes. They can also find someone to run or jog with, and visit dog parks where their pets can socialize with other pets.

What are the apps functionalities?

- A user can sign up and create their pet's profile.
- A user can set their preferences of who they wanted to match with.
- A user is shown their preferences to match with once they are logged in.
- A user has a screen where they can swipe on cards.
- A user has a screen where they can send and respond to messages.
- A user has a profile screen where they can edit their basic information.

The stack overview

- Frontend: Html, CSS, Node JS
- Backend: React
- Database: MondoDB Atlas
- Platform: Heroku
- Domain Register: Heroku

Project management and Teamwork

- Discord was used as main platform of communication.
- The tasks are broken up between Front end, back end. Each team member can get their own task, we used google docs to track what each team member is doing.
- Everyone can know and put down their work. Usually, we have at least one meeting each week to discuss the tasks in discord. We report each own situation to all, and will try to help the other one if someone finishes their work.
- In addition, we also communicate in discord chat. Through the use of discord, any team member can quickly communicate with all other members, allowing share screen transfer issues and information between team members. These strategies of project management help our team to steadily build the project.

Potential key risks and Challenges

- In order for the true success of this application, we need to have a generous amount of users in order for this application to gain any success, which means that our application will not work if there aren't at least two users that are active.
- Finding an open source matching algorithm of some kind that can put two users together, based on information such as locational data, in order to make sure that the users themselves can meet within a reasonable margin of space.
- Having to implement this algorithm, but to also build an instant messaging feature as well, which on top of implementing the user matching and registration system, will take a significant amount of work to pull off all in conjunction.
- Our application is based off of an already popular mobile application in which users interact with the application via a smart device, designing our web application in a way that fits and is comfortable for mouse and keyboard users is a very big part of our process.

Github Management / Organization

- Ensured main branch is always working, we create pull requests to merge working code.
- Working in multiple branches, so we don't mess with the main branch
- Putting relevant comments in the Git commits, so other group mates can understand what was added/removed/issues. We commit the features we work on in our own branches.
- Having good organization so there's less confusion.

Code Review

- Pull request - Helped us collaborate and know what other team members are saying with their comments. Feedbacks helped our communication.
- Discord - Communicate with each other every milestone we did, planning and having our group meetings with discord chat.

M1 & M2 Documents

M1:
https://docs.google.com/document/d/16_nYdjEY-GLGf3476MFqqBNs88CostriQU-BMAHeOmw/edit?usp=sharing

M2:

https://docs.google.com/document/d/1J4AVxvIyYrfMXggD1EzoBymS_4L952aQwt6fA2kCiyA/edit?usp=sharing

Future of Pawster

- Add different animal types (cat, hamsters, etc.)
- Implement paid user freescale services
  - Pet sitting
  - Pet walking
  - Pet grooming
  - Pet travel??
- Implement user stores for selling 2nd hand animal products like etsy,offer up
- Provide additional supportive features for users with certain disabilities or needs
- …and more!

Thank you